



15992 U.S.PTO

GRAYCARY

4365 Executive Drive, Suite 1100
San Diego, CA 92121-2133
www.graycary.com
O] 858-677-1456
F] 858-677-1465

March 30, 2004

00746 U.S.PTO
10/814695

ATTORNEY DOCKET NO.: INTEL1510 (P18520)

ATTN: Mail Stop PATENT APPLICATION
COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is a new original patent application of:APPLICANT(S): **Tae-Woong Koo, Selena Chan, Xing Su, Jingwu Zhang, Lei Sun**

TITLE: **SURFACE MODIFICATION OF METALS FOR BIOMOLECULE
DETECTION USING SURFACE ENHANCED RAMAN
SCATTERING (SERS)**

Enclosed are the following papers, including all those required to receive a filing date under 37 CFR § 1.53(b):

	<u>Number of Pages</u>
Specification	17
Claims	6
Abstract	1
Drawing(s)	3

EXPRESS MAIL Number: EV 318741641 US
Date of Deposit: March 30, 2004

I hereby certify that this paper is being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Attn: Mail Stop PATENT APPLICATION, COMMISSIONER FOR PATENTS, P. O. BOX 1450, Alexandria, VA 22313-1450.

Greg Austin
(Name of Individual Depositing with P.O.)

(Signature of Individual Depositing with P.O.)

Gregory P. Austin

SILICON VALLEY SAN DIEGO SAN FRANCISCO AUSTIN SEATTLE SACRAMENTO LA JOLLA WASHINGTON, DC

INTELCORPORATION
Gray Cary\GT\6393232.1
1090132-106

GRAY CARY WARE & FREIDENRICH LLP

ATTORNEY DOCKET NO.: INTEL1510 (P18520)

Mail Stop: PATENT APPLICATION

Date: March 30, 2004

Page 2

Enclosure(s):

- Initial Information Data Sheet (4 pages);
- Unsigned Declaration and Power of Attorney for Patent Application (7 pages); and
- Return Receipt Postcard.
- Check No. 556755 in the amount of \$1582.00.

Applicant(s) claim **LARGE ENTITY status** in the above-identified application.]

The filing fee is calculated as follows:

	Number Filed		Number Extra		Rate		Fee	
					Large Entity	Small Entity	Large Entity	Small Entity
Total Claims	46-20	=	26	X	\$18	\$ 9	=	\$ 468.00
Independent Claims	7-3	=	4	X	\$86	\$43	=	\$ 344.00
Multiple Dependent Claims Presented:	<u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>				290.00\$	\$145.00	\$ 0.00	\$
	BASIC FEE						\$ 770.00	\$385.00
	TOTAL FEE						\$1,582.00	\$

Check No. 556755 is enclosed as payment of the **FILING FEE**. The Commissioner is hereby authorized to apply any other required fees or any credits to Deposit Account No. 50-1355, referencing the Attorney Docket number shown above. A copy of this transmittal letter is attached.

If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

SILICON VALLEY SAN DIEGO SAN FRANCISCO AUSTIN SEATTLE SACRAMENTO LA JOLLA WASHINGTON, DC

INTELCORPORATION
Gray Cary\GT\6393232.1
1090132-106

GRAY CARY WARE & FREIDENRICH LLP

ATTORNEY DOCKET NO.: INTEL1510 (P18520)

Mail Stop: PATENT APPLICATION

Date: March 30, 2004

Page 3

Kindly acknowledge receipt of this application by returning the enclosed postcard.

All future correspondence should be addressed to:

Lisa A. Haile, J.D., Ph.D.

GRAY CARY WARE & FREIDENRICH LLP

Attorneys for INTEL CORPORATION

4365 Executive Drive, Suite 1100

San Diego, CA 92121-2133

Telephone: (858) 677-1456

Faxsimile: (858) 677-1465

USPTO Customer Number 28213

Respectfully submitted,

GRAY CARY WARE & FREIDENRICH LLP



Lisa A. Haile, J.D., Ph.D.

Registration No. 38,347

March 30, 2004

Date

LAH/cag
Enclosures